

Comment	Fact Table					
Row #s	Date ID (Col.1)	Loc. ID (Col.2)	Prod. ID (Col.3)	Units sold (Col. 4)	Price (\$) (Col. 5)	Disc. (%) (Col. 6)
1	8	1	2	813	25857.4	6.67%
2	3	1	1	877	18966.2	4.27%
3	6	2	1	455	11172.4	7.06%
4	8	2	2	703	59178.6	1.41%
5	8	2	1	144	35043.1	7.98%
6	2	1	2	280	6222.07	2.32%
7	2	1	1	457	15632.3	6.18%
8	3	1	2	518	97854.7	6.59%
9	8	1	1	244	62034.9	6.58%
10	7	2	2	288	22467.7	7.68%
11	3	2	1	879	99171.9	9.30%
12	6	2	2	821	4852.97	1.15%
13	6	1	1	967	68371.4	9.21%
14	7	2	1	447	47557.9	8.77%
15	7	1	1	855	95597.6	9.55%
16	7	1	2	208	86803.8	6.77%
17	6	1	2	611	27190.7	1.46%

PRIOR ART Table 1A

FIG. 1A

Time Table		
Date ID	Date	Day of Week
1	1-Jan-03	Wednesday
2	2-Jan-03	Thursday
3	3-Jan-03	Friday
4	4-Jan-03	Saturday
5	5-Jan-03	Sunday
6	6-Jan-03	Monday
7	7-Jan-03	Tuesday
8	8-Jan-03	Wednesday

PRIOR ART Table 1B

FIG. 1B

Product Table		
Product ID	Product Name	Description
1	Lettuce	Romaine
2	Tomatoes	Plum

PRIOR ART Table 1C

FIG. 1C

Location Table			
Location ID	Location Name	Operation Info	Street Address
1	Chicago		1547 Fruit Street
2	New York	Closed Jan 2	1995 Salad Avenue

PRIOR ART Table 1D

FIG. 1D

Comment	Fact Table					
Previous Row #s	Date ID (Col.1)	Loc. ID (Col.2)	Prod. ID (Col.3)	Units sold (Col. 4)	Price (\$) (Col. 5)	Disc. (%) (Col. 6)
7	2	1	1	457	15632.3	6.18%
6	2	1	2	280	6222.07	2.32%
2	3	1	1	877	18966.2	4.27%
8	3	1	2	518	97854.7	6.59%
11	3	2	1	879	99171.9	9.30%
13	6	1	1	967	68371.4	9.21%
17	6	1	2	611	27190.7	1.46%
3	6	2	1	455	11172.4	7.06%
12	6	2	2	821	4852.97	1.15%
15	7	1	1	855	95597.6	9.55%
16	7	1	2	208	86803.8	6.77%
14	7	2	1	447	47557.9	8.77%
10	7	2	2	288	22467.7	7.68%
9	8	1	1	244	62034.9	6.58%
1	8	1	2	813	25857.4	6.67%
5	8	2	1	144	35043.1	7.98%
4	8	2	2	703	59178.6	1.41%

Table 2A

FIG. 2A

Time Table		
Date ID	Date	Day of Week
1	2-Jan-03	Thursday
2	3-Jan-03	Friday
3	6-Jan-03	Monday
4	7-Jan-03	Tuesday
5	8-Jan-03	Wednesday

Table 2B

FIG. 2B

Comment	Fact Table					
Row #s	Date ID (Col.1)	Loc. ID (Col.2)	Prod. ID (Col.3)	Units sold (Col. 4)	Price (\$) (Col. 5)	Disc. (%) (Col. 6)
1	1	1	1	457	15632.3	6.18%
2	1	1	2	280	6222.07	2.32%
5	2	1	1	877	18966.2	4.27%
6	2	1	2	518	97854.7	6.59%
7	2	2	1	879	99171.9	9.30%
9	3	1	1	967	68371.4	9.21%
10	3	1	2	611	27190.7	1.46%
11	3	2	1	455	11172.4	7.06%
12	3	2	2	821	4852.97	1.15%
13	4	1	1	855	95597.6	9.55%
14	4	1	2	208	86803.8	6.77%
15	4	2	1	447	47557.9	8.77%
16	4	2	2	288	22467.7	7.68%
17	5	1	1	244	62034.9	6.58%
18	5	1	2	813	25857.4	6.67%
19	5	2	1	144	35043.1	7.98%
20	5	2	2	703	59178.6	1.41%

Table 3
FIG. 3

Units sold (Col. 4)	Price (\$) (Col. 5)	Disc. (%) (Col. 6)	
457	15632.3	6.18%	Segment 401
280	6222.07	2.32%	
877	18966.2	4.27%	Segment 402
518	97854.7	6.59%	
879	99171.9	9.30%	Segment 403
967	68371.4	9.21%	
611	27190.7	1.46%	
455	11172.4	7.06%	
821	4852.97	1.15%	
855	95597.6	9.55%	
208	86803.8	6.77%	
447	47557.9	8.77%	
288	22467.7	7.68%	
244	62034.9	6.58%	
813	25857.4	6.67%	
144	35043.1	7.98%	
703	59178.6	1.41%	

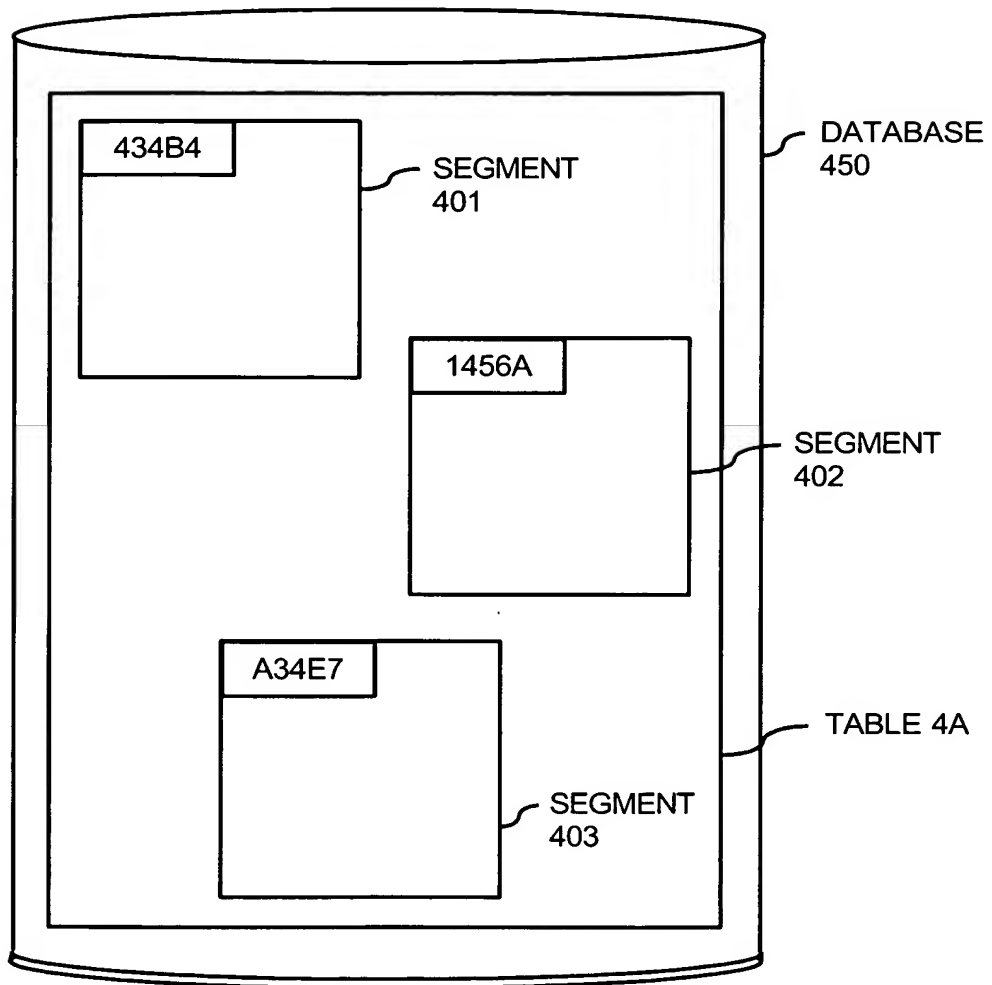
Table 4A
FIG. 4A

IOT			
Address of Ref. Location	Comp. Index	Length of Segment	Block Length
434B4	(1,1,1)	2	2
1456A	(2,1,1)	3	3
A34E7	(3,1,1)	12	4

Table 4B

FIG. 4B

FIG. 4C



	Units sold (Col. 4)	Price (\$) (Col. 5)	Disc. (%) (Col. 6)	
Contiguous Region 511	457	15632.3	6.18%	Segment 501
	280	6222.07	2.32%	
Contiguous Region 512	877	18966.2	4.27%	
	518	97854.7	6.59%	Segment 502
	879	99171.9	9.30%	
(2, 2, 2)				
	967	68371.4	9.21%	
	611	27190.7	1.46%	
	455	11172.4	7.06%	
	821	4852.97	1.15%	
	855	95597.6	9.55%	
	208	86803.8	6.77%	
Contiguous Region 513	447	47557.9	8.77%	
	288	22467.7	7.68%	Segment 503
	244	62034.9	6.58%	
	813	25857.4	6.67%	
	144	35043.1	7.98%	
	703	59178.6	1.41%	
(6, 1, 1)	812	41234.7	2.41%	

Table 5A
FIG. 5A

IOT									
Address	Comp. Index	Length of Segment	Block Length	Min. Date ID	Max. Date ID	Min. Loc. ID	Max. Loc. ID	Min. Prod. ID	Max. Prod. ID
434B4	(1,1,1)	2	2	1	1	1	1	1	2
1456A	(2,1,1)	12	4	2	4	1	2	1	2
B35A7	(5,1,1)	5	5	5	6	1	2	1	2

Table 5B
FIG. 5B

FIG. 6

